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(54) Title: METHOD FOR COATING AN ARCHITECTURAL TEXTILE WITH AT LEAST ONE LAYER OF A SILICONE ELASTOMER USING AN AQUEOUS SILICONE EMULSION AND AN ARCHITECTURAL TEXTILE WITH SUCH A COATING

(54) Titre : PROC DE DE REV TEMENT D'UN TEXTILE ARCHITECTURAL AVEC AU MOINS UNE COUCHE D'ELASTOM RE SILICONE, A PARTIR D'UNE EMULSION SILICONE AQUEUSE ET TEXTILE ARCHITECTURAL AINSI REV TU

(57) Abstract: The invention relates to the production of silicone membranes for architectural use, by means of coating an architectural textile with a silicone, in particular, but not exclusively on a glass fabric. The aim of the invention is a method in which the deposition on the architectural textile may be easily and rapidly achieved with a coating rate of less than 40 g/m². Said aim is achieved whereby said method comprises the following steps: deposition on said architectural textile of at least one layer of an emulsion of polyorganosiloxane (POS), which may be cross-linked to give an elastomer by polyaddition and comprising: (A) a POS with =SiVinyl groups, (B) a POS with =SiH groups, (C) a special adherence promoter (polyvinyl alcohol) or POS(OH), (D) a catalyst, (E) at least one surface active agent, (F) optionally a POS resin with =SiVinyl groups, (G) optionally a cross-linking inhibitor, (H) optionally a pH stabilising agent, (I) optionally a formulation additive, (J) optionally a charge and (K) water, with the condition that 0.05 <u></u> (C) <u></u> 4 % by weight of the silicone phase, followed by cross-linking such that the weight proportion of the coating as a proportion of the dry weight of the architectural textile is less than 0.2 and preferably between 0.05 and 0.11.

WO 03/106759 A1

(57) Abr g  : L'invention concerne la r alisation de membranes silicone architecturales obtenues   partir d'un rev tement par un silicone d'un textile architectural, en particulier mais non limitativement d'un tissu de verre. Le but est de fournir un proc d  dans lequel le d p t sur le textile architectural peut  tre ais ment effectu    grande vitesse avec un taux de d p t limit  inf rieur   40 g/m². Pour atteindre ce but, le proc d  comprend les  tapes suivantes : d p t sur ledit textile architectural ; d'au moins une couche d'une emulsion aqueuse de polyorganosiloxane (POS) r ticulable en  lastom re par polyaddition et comprenant : (A) un POS   motifs =SiVinyle, (B) un POS   motifs =SiH, (C) un promoteur d'adh rence sp cial (alcool polyvinylique) ou POS (OH), (D) un catalyseur, (E) au moins un tensioactif, (F)  ventuellement une r sine POS   motifs =SiVinyle, (G)  ventuellement un inhibiteur de r ticulation, (H)  ventuellement un agent de fixation du pH, (I)  ventuellement un additif de formulation, (J)  ventuellement une charge, (K) et de l'eau, avec la condition selon laquelle 0,05   (C)   4 % en poids par rapport   la phase silicone, puis r ticulation, de telle sorte que le rapport du poids de l'enduction exprim e en sec au poids du textile architectural soit inf rieur   0.2 et de pr f rence compris entre 0.05 et 0.11.